

INTERNATIONAL CIVIL AVIATION ORGANIZATION

**CAR/SAM REGIONAL AIR NAVIGATION PLANNING AND IMPLEMENTATION
GROUP (GREPECAS)**

**FOURTH MEETING OF THE AERONAUTICAL METEOROLOGY SUBGROUP
(AERMETSG/4)**

(Mexico City, 22 to 26 May 2000)

Agenda Item 1: Review actions on the AERMETSG/3 Meeting report

(Presented by the Secretariat)

Summary

This working paper presents a review of the actions taken by the GREPECAS/8 Meeting and States/ICAO on Conclusions/Decisions of the Third Meeting of the AERMETSG (AERMETSG/3). Likewise, the paper also presents the outstanding Conclusions/Decisions of the GREPECAS in the MET field.

References:

- C** AERMETSG/1, AERMETSG/2 and AERMETSG/3 Meeting Reports.
- C** GREPECAS/3, GREPECAS/4, GREPECAS/5, GREPECAS/6, GREPECAS/7
and GREPECAS/8 Meeting Reports.
- C** GREPECAS Procedural Handbook.

1. Introduction

1.1 The AERMET Subgroup, during its Third Meeting and according to the GREPECAS Procedural Handbook, adopted a group of actions presented as “Draft Conclusions” requiring further actions by GREPECAS; a second group as “Draft Decisions” requiring direct action by GREPECAS and a third group as “Decisions” referring exclusively to matters related with certain activities and internal operational arrangements of the AERMET/SG.

2. Discussion

2.1 Appendix A to this working paper presents the Conclusions/Decisions formulated by the AERMET/SG/3 Meeting, the corresponding Conclusions/Decisions of the GREPECAS, and the action taken by the CAR/SAM States and/or ICAO.

2.2 In **Appendix B**, the Meeting will find a list of the Conclusions/Decisions of GREPECAS in the MET field, formulated as a result of proposals received from other contributory bodies or presented by GREPECAS Members.

2.3 The Meeting may wish to consider useful to analyze the information provided in Appendixes A and B and to agree on actions to be taken in order to encourage the implementation or deletion of some particular Conclusion.

3. Action proposed

3.1 The Meeting is invited to examine the information provided in this working paper in order to note the status of implementation of the Conclusions/Decisions formulated by AERMETSG and GREPECAS and to propose measures to foster their implementation or deletion from the GREPECAS Procedural Handbook.

Appendix A

CONCLUSIONS/DECISIONS OF THE AERMETSG/3 AND GREPECAS/8 MEETINGS

Reference Report		Action by GREPECAS/ ANC/ C	Conclusion/Decision Title/Action taken by GREPECAS/ANC/C	Actions taken by States/ICAO
Conc./Dec. AERMETSG/3	Conc./Dec. GREPECAS/8			
Draft. Con 3/1	Conc. 8/21	GREPECAS	ISCS/1 Users Table Adopted the conclusion	The table has been updated and the Council, when reviewing the report of the CAR/SAM/3 RAN Meeting approved the inclusion of the table in the FASID CAR/SAM document as FASID MET 7 Table.(Rec. 7/8).
Draft Conc. 3/2	Conc. 8/22	GREPECAS	CAR/SAM requirements for WAFS products -Final phase of WAFS Adopted the conclusion	The Council approved the inclusion of MET 4 and MET 6 tables in the FASID CAR/SAM as FASID MET Table 5 and FASID MET 6 Table, table respectively.
Draft Conc. 3/3	Conc. 8/23	GREPECAS	Feedback on SIGWX charts to WAFC Washington Adopted the Conclusion	The States have been urged by the SAM and NACC Regional Offices to inform WAFC Washington using the evaluation formulary of SIGWXproducts approved by GREPECAS/8.
Draft Conc. 3/4	Conc. 8/24	GREPECAS	Updated Transition Plan and procedures Adopted the Conclusion	The Plan has been adopted and is being executed.
Draft Conc. 3/6	Conc. 8/25 C		C O M / M E T S P E C I A L IMPLEMENTATION PROJECT FOR THE CAR/SAM REGIONS GREPECAS adopted the conclusion and the SIP was then approved by the Council.	On going

Reference Report		Action by GREPECAS/ ANC/ C	Conclusion/Decision Title/Action taken by GREPECAS/ANC/C	Actions taken by States/ICAO
Conc./Dec. AERMETSG/3	Conc./Dec. GREPECAS/8			
Draft Conc. 3/7	Conc.8/26	C	Volcanic Ash Workshop Approved the conclusion and requested the Secretary General to take the necessary action.	The coordination with OMM was carried out as requested by the Conclusion, however, for budgetary reasons, the OMM was unable to participate in the workshop held in 1999. Arrangements are being made with the OMM Secretariat to carry out another Workshop this year
Draft Conc. 3/8	Conc.8/27	GREPECAS	Coordination Meeting between the Buenos Aires and Washington VAAC's Adopted the Conclusion	As a result of the coordination between USA/Argentina/SAM and NACC Regional Offices the Meeting was held 13 to 15 March, 2000. The obtained results will be informed to the Meeting in Agenda Item 6.
Draft Conc. 3/9	Conc. 8/28	C	ICAO Tropical cyclone advisory centres-areas of responsibility GREPECAS adopted the conclusion. The Council then approved Recommendation 7/3 formulated by CAR/SAM/3.	The Council approved the inclusion of the chart in Part VI - CAR/SAM FASID Meteorology as FASID MET 2 Chart
Draft Conc. 3/10	Conc. 8/29	GREPECAS	Regional CAR/SAM technical Co-operation Project on MET Training Adopted the conclusion	A Draft project has been prepared to be presented for the Meeting's discussion in the corresponding Agenda Item.
Draft Dec. 3/11	-	GREPECAS	The proposed programme was approved	The Regional Offices have continued the work developed.

Appendix B**OUTSTANDING CONCLUSIONS/DECISIONS OF GREPECAS IN THE MET FIELD**

Conference Report Conc/Dec.	Action by ANC/C	Conclusion/Decision/Title/Action taken by ANC/C	Action by States/ICAO	Status
C 3/33	-	Technical cooperation to support the implementation of the WAFS in the CAR/SAM Regions	a) In Co-ordination with WMO/NOAA, seminars were carried out in Chile, Costa Rica and Barbados to support the implementation of WAFS (1996); A WAFS Seminar for SAM States was held in Asuncion, Paraguay (in the Spanish language) WMO/NOAA/CRRH, in coordination with ICAO, has scheduled to carry out a new WAFS seminar (in Spanish language) for Central American States and probably South American States, to be held by end of 2000 or early 2001. b) No regional project on the matter was carried out.	In force
C 4/26	-	Survey of the requirements for METARs in the CAR/SAM Regions	Task of IATA. Follow up was carried out by the concerned ICAO Regional Offices. A Report on the study required by GREPECAS/4 will be provided by IATA.	Completed
D 5/27	----	Special Implementation Project(SIP) for the CAR/SAM Regions	A SIP is being carried out in the SAM Region, in a first stage, in compliance with Conclusion 8/25 of GREPECAS/8.	In force
C 6/30	-	Requirements for the exchange of OPMET information - New format for Table MET2	The CAR/SAM/3 RAN Meeting formulated a recommendation (Rec. 8/2) with the same objective which was approved by the Council. The Table was included in the FASID document as FASID Table MET 2.	Completed
C 6/31	-	Requirements for the interchange of SIGMET information - New format for Table MET 2A	The CAR/SAM/3 RAN Meeting formulated a recommendation (Rec.8/3) the same objective, which was approved by the Council. The table was included in the FASID document, as FASID Table MET 2A	Completed

Conference Report Conc/Dec.	Action by ANC/C	Conclusion/Decision/Title/Action taken by ANC/C	Action by States/ICAO	Status
C 6/33	-	Better AFTN communications access for meteorological offices	Follow-up of the Conclusion is being made through the NACC and SAM Regional Offices.	In force
C 6/35	-	Seminar on ATS/MET coordination	Carry-out a Regional CAR/SAM bilingual Seminar was carried out in the ICAO Regional Office, Mexico 19 to 23 October 1998.	Completed
C 6/36	-	Establishment of formal committees to support volcanic ash warnings	Follow-up of the Conclusion has been undertaken by the NACC and SAM Regional Offices. Improvement has been observed concerning the establishment of the committees, nevertheless the Conclusion should be considered as not implemented.	In force
C 6/37	-	Contingency arrangements	Follow-up of the Conclusion has been undertaken by the NACC and SAM Regional Offices. Improvement has been observed concerning the establishment of the contingency mechanisms, nevertheless the Conclusion should be considered as not implemented.	In force
C 6/39	C	Meteorologic training Seminars. Approved the Conclusion and requested the Secretary General to take the necessary action.	ICAO/WMO co-ordination in progress. NOAA/NWS (U.S.) sponsored by the Caribbean Meteorological Institute (CMI) carried out in Barbados from 20 to 24 April 1998, a Seminar/Workshop on the accessibility of the WAFS products and related problems. ICAO attended as observer.	In force
C 7/34	ANC	Requirements for dissemination of 6-hour and 36- hour validity upper wind/temperature forecasts Approved the Conclusion, noting that the requirement should be incorporated in Amendment 71 of Annex 3.	The requirement was included in the last edition (thirteenth - July 1998) of Annex 3.	Completed

Conference Report Conc/Dec.	Action by ANC/C	Conclusion/Decision/Title/Action taken by ANC/C	Action by States/ICAO	Status
C 7/36	C	Results of pilot project in CAR - ICAO/WMO joint use of satellite-based communications Approved the Conclusion and request the Secretary General to take the necessary action.	WMO was notified accordingly.	In force
C 7/37	-	Coordinated controls of the exchange of OPMET information in the CAR/SAM States	Some States carry out the required controls.	In force
C 7/38	-	Requirements for exchange of AIREP information	The Council approved the inclusion of the requirements in the FASID Table MET 2 ^a (Rec. 8/2 CAR/SAM/3)	Completed
C 7/39	-	Transmission of OPMET data by AFTN as text “free of errors” procedures for dissemination of information on volcanic eruptions and associated volcanic ash clouds	The States were invited to immediately implement the application of the procedure as well as to inform the ICAO Regional Office concerned on the actions taken.	Outstanding
C 7/40	-	Implementation of the established operational procedures for dissemination of information on volcanic eruptions and associated volcanic ash clouds.	The States were urged to comply with the requirement and to inform the concerned ICAO Regional Office on the actions taken.	In force

Conference Report Conc/Dec.	Action by ANC/C	Conclusion/Decision/Title/Action taken by ANC/C	Action by States/ICAO	Status
C 7/41	-	Training of aeronautical meteorologists Approved item b) of the Conclusion and request the Secretary General to take the necessary action	The States were urged to accomplish with the required action. Regarding item b) of the Conclusion, a letter was sent to WMO.	Superseded
C 8/21	-	ISCS/1 users Table	The Table was updated and the Council on reviewing the CAR/SAM RAN Meeting report, approved the inclusion of the Table in the FASID document as FASID Table MET 7 (Rec. 7/8)	Completed
C 8/22	-	CAR/SAM requirements for WAFS products - Final phase of WAFS	Council approved inclusion of Tables MET 4 and MET 6 in the FASID CAR/SAM document as FASID Table MET 5 and FASID Table MET 6, respectively.	Completed
C 8/23	-	Feedback on SIGWX charts to WAFC Washington	The NACC and SAM Regional Offices invited the States to inform the WAFC Washington, making use of the evaluation form on the SIGWX products, approved by GREPECAS/8	Completed
C 8/24	-	Updated transition plan and procedures	The plan was adopted and implementation continues.	On - going
C 8/25	-	COM/MET special implementation project (SIP) for the CAR/SAM Regions	The SIP is on-going in the SAM region. Report will be presented during Item 4 discussions.	On - going
C 8/26	-	Volcanic ash workshop	The Coordination initiated in 1999 with WMO continues, with a view to carrying out the workshop during 2000.	On -going
C 8/27	-	Coordination Meeting between the Buenos Aires and Washington VAACs	The meeting was held in Washington from 13 to 15 March 2000. A report will be presented during Item 6 discussions	Completed
C 8/28	-	ICAO tropical cyclone advisory centres-areas of responsibility	Map included in Part VI - Meteorology of CAR/SAM FASID, as Map FASID MET 2	Completed

Conference Report Conc/Dec.	Action by ANC/ C	Conclusion/Decision/Title/Action taken by ANC/C	Action by States/ICAO	Status
C 8/29	-	Regional CAR/SAM technical cooperation project on MET training	Draft project in preparation	On - going

-END-